

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A communication method comprising:

an address-storing step of storing a network address of an object site into a memory;

an information-storing step of storing control information for a respective image input ~~means~~ device of said object site in relation to said network address at a location remote from the object site;

a reading step of reading an address of a designated site stored in said memory and control information for respective image input ~~means~~ device of the designated site; and

an access and control step of generating, on the basis of the address and control information read in said reading step, characters for accessing said designated site and controlling said image input device and of accessing and controlling said designated site using the generated characters ~~by using the address read by said reading step and controlling said designated site using control information read by said reading step~~, wherein said control information includes an identifier for identifying an item to be controlled ~~by~~ of said image input ~~means~~ device; and

a display control step of making a display device to display the generated characters excluding characters corresponding to said control information.

Claim 2 (Original): The communication method according to claim 1, wherein the address of said site is a URL on the Internet.

Claim 3 (Currently Amended): The communication method according to claim 1, further comprising a ~~display~~ reception step of receiving image information from said site to which said control information has been transmitted ~~at said transmission step, and displaying the image information,~~ wherein said display control step displays the image information.

Claim 4 (Original): The communication method according to claim 1, further comprising a generating step of generating said control information as control information according to manual designation.

Claim 5 (Currently Amended): The communication method according to claim 1, wherein said image input ~~means~~ device inputs a ~~motor~~ moving image.

Claim 6 (Currently Amended): The communication method according to claim 5, wherein said image input ~~means~~ device is a video camera.

Claim 7 (Original): The communication method according to claim 6, wherein said control information is used for controlling an image sensing angle of said video camera.

Claim 8 (Original): The communication method according to claim 6, wherein said control information is used for controlling a focal distance of said video camera.

Claim 9 (Original): The communication method according to claim 6, wherein said control information is used for controlling a shutter speed of said video camera.

Claim 10 (Original): A storage medium in which said respective steps in claim 1 are computer-readably stored.

Claim 11 (Currently Amended): A communication apparatus comprising:
address-storing means for storing a network address of an object site;
information-storing means for storing control information for respective image input ~~means~~ device of an ~~said~~ object site in relation to said network address at a location remote from the object site;

reading means for reading an address of a designated site stored by said address-storing means and control information, stored by said information-storing means, for respective image input ~~means~~ device of the designated site; and

access and control means for generating, on the basis of the address and control information read by said reading means, characters for accessing said designated site and controlling said image input device and for accessing and controlling said designated site using the generated characters ~~by using the address read by said reading means and controlling said designated site using control information read by said reading means~~, wherein said control

information includes an identifier for identifying an item to be controlled by of said image input ~~means device~~; and

a display control means for making a display device to display the generated characters excluding characters corresponding to said control information.

Claim 12 (Original): The communication apparatus according to claim 11, wherein the address of said site is an address on the Internet.

Claim 13 (Currently Amended): The communication apparatus according to claim 11, further comprising a display reception means for receiving image information from said site to which said control information has been transmitted ~~by said transmission means, and displaying the image information, wherein said display control means displays the image information.~~

Claim 14 (Original): The communication apparatus according to claim 11, further comprising generating means for generating said control information as control information according to manual designation.

Claim 15 (Currently Amended): The communication apparatus according to claim 11, wherein said image input ~~means~~ device inputs a moving image.

Claim 16 (Currently Amended): The communication apparatus according to claim 15, wherein said image input ~~means~~ device is a video camera.

Claim 17 (Original): The communication apparatus according to claim 16, wherein said control information is used for controlling an image sensing angle of said video camera.

Claim 18 (Original): The communication method according to claim 16, wherein said control information is used for controlling a focal distance of said video camera.

Claim 19 (Original): The communication method according to claim 16, wherein said control information is used for controlling a shutter speed of said video camera.

Claim 20 (Original): A storage medium in which program codes for executing processing by said respective means in claim 11 are computer-readably stored.

Claims 21-22 (Canceled).

Claim 23 (Currently Amended): A server controlling a camera in accordance with a request from a remote client and transmitting an image obtained by the camera to the remote client based on communication rules of a general network, comprising:

an acquisition unit for acquiring information indicating a service allowable range of a control parameter which is at least one of pan, tilt, and zoom of the camera;

a reception means unit for receiving the request of sensing condition of the camera a control parameter for controlling at least one of pan, tilt, and zoom from said client;

processing means for performing control processing of the camera based on the request received by said reception means; and

a generation unit for generating an HTML document including a predetermined text data in case the received control parameter is not within a service allowable range, and generating an HTML document including information of the image data of the camera but not including the predetermined text data in case the received control parameter is within the service allowable range; and

a transfer means unit for transferring image information obtained by said processing means to said client, wherein said transfer means transfers the image information with information indicative of a service allowable range of the camera the HTML document generated by said generation unit to said client so that said client can display the image according to the HTML document as a response of the control parameter.

Claims 24-29 (Canceled)

Claim 30 (Currently Amended): A control method for a server controlling a camera which performs information service in accordance with a request from a remote client

and transmitting an image obtained by the camera to the remote client, based on communication rules of a general network, comprising:

an acquisition step of acquiring information indicating a service allowable range of a control parameter which is at least one of pan, tilt, and zoom of the camera;

a reception step of receiving the request of sensing condition of the camera a control parameter for controlling at least one of pan, tilt, and zoom, from said client;

a processing step of performing control processing of the camera based on the request received at said reception step; and

a generation step for generating an HTML document including a predetermined text data in case the received control parameter is not within a service allowable range, and generating an HTML document including information of the image data of the camera but not including the predetermined text data in case the received control parameter is within the service allowable range; and

a transfer step of transferring the HTML document generated by said generation step to said client so that said client can display the image according to the HTML document as a response of the control parameter image information obtained at said processing step to said client, wherein said transfer step includes a step of transferring the image information with information indicative of a service allowable range of the camera.

Claim 31 (Currently Amended): A storage medium containing program codes to be executed so as to function as a server controlling a camera which performs information

service in accordance with a request from a remote client, transmitting an image obtained by the camera to the remote client based on communication rules of a general network, comprising:

acquisition process procedure codes for acquiring information indicating a service allowable range of a control parameter which is at least one of pan, tilt, and zoom of the camera;

~~reception process procedure codes for receiving the request from said client for sensing condition of the camera~~ a control parameter for controlling at least one of pan, tilt, and zoom, from said client;

~~processing process procedure codes for performing control processing of the camera based on the request received at said reception process procedure; and~~

generation process procedure codes for generating an HTML document including a predetermined text data in case the received control parameter is not within a service allowable range, and generating an HTML document including information of the image data of the camera but not including the predetermined text data in case the received control parameter is within the service allowable range; and

transfer process procedure codes for transferring the HTML document generated by said generation process procedure codes to said client so that said client can display the image according to the HTML document as a response of the control parameter ~~image information obtained at said processing process procedure to said client, wherein said transfer process procedure includes process procedure codes for transferring the result of processing with information indicative of a service allowable range of the camera.~~

Claims 32-46 (Canceled)

Claim 47 (Previously Presented): The method according to claim 2, wherein the identifier is expressed as part of a path name in the URL.

Claim 48 (Previously Presented): The method according to claim 47, wherein the identifier is expressed as part of a resource name in the path name in the URL.

Claim 49 (Previously Presented): The method according to claim 1, wherein the control information is stored separately from the address.

Claim 50 (Previously Presented): The apparatus according to claim 11, wherein the identifier is expressed as part of a path name in the URL.

Claim 51 (Previously Presented): The apparatus according to claim 50, wherein the identifier is expressed as part of a resource name in the path name in the URL.

Claim 52 (Previously Presented): The apparatus according to claim 11, wherein the control information is stored separately from the address.

Claim 53. (New): The server according to claim 23, wherein, in case the received control parameter is not within the service allowable range, said generation unit

generates the HTML document which includes text data indicating that the received control parameter is not within the service allowable range.

Claim 54. (New): The server according to claim 23, wherein, in case the received control parameter is not within the service allowable range, said generation unit generates the HTML document which includes text data indicating that the control parameter from said client is changed to be within the service allowable range.

Claim 55. (New): The server according to claim 23, wherein, said client displays an input frame image including the control parameter to be received by said server, wherein said generation unit generates the HTML document to be used for the client to display a camera information frame together with the input frame image.

Claim 56. (New): The server according to claim 23, wherein, in case the received control parameter is within the service allowable range, said generation unit generates the HTML document including link information of an image file acquired by controlling the camera in accordance with the received control parameter.

Claim 57. (New): The server according to claim 56, wherein in case the received control parameter is not within the service allowable range, said generation unit generates the HTML document including information of an image file acquired by controlling

the camera in accordance with a control parameter changed to be within the service allowable range.